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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Chun-Kyu WOO et al. Confirmation No. : 3734
Appl. No. : 10/606,213 Examiner : McDieunel Marc
Filed : June 26, 2003 Group Art Unit : 3661
For : POSITION INFORMATION RECOGNITION APPARATUS FOR
CLEANING ROBOT

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and supplemental to the Information Disclosure Statements filed on October 6, 2005 and February 11, 2005, Applicants hereby submit a copy of an European Search Report dated November 25, 2005, with respect to patent family member European Patent Application No. EP 03 01 4676.5, in which the following documents were cited:

- (1) U.S. Patent No. 5,440,216;
- (2) U.S. Patent No. 5,652,489;
- (3) German Patent Publication No. DE 37 41 259;
- (4) U.S. Patent No. 5,621,291;
- (5) U.S. Patent No. 5,758,298;

- (6) U.S. Patent No. 5,687,294;
- (7) Japanese Laid-open Patent Publication No. HEI 5-143155, together with an English language abstract of the same; and
- (8) U.S. Patent No. 5,400,244.

Applicants note that documents (1)-(6) were previously cited in the Information Disclosure Statement filed on October 6, 2005, and thus, copies are not provided herewith.

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the European Examiner, are set forth in the European Search Report.

Further to 37 C.F.R. §1.98 (a)(2)(ii), a copy of the U.S. patent (8) is not enclosed herewith. However, if a copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. A copy of the document (7) is attached hereto and all of the above-noted documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants furthermore certify that each new item of information contained in the Information Disclosure Statement (i.e. documents (7) and (8)) was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information

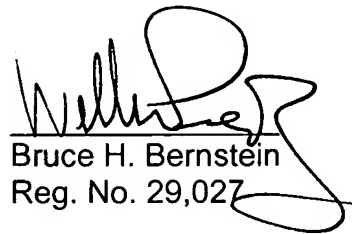
Disclosure Statement, and thus no fee is required to ensure consideration of the submitted material.

Applicants note that documents (1)-(6) were previously cited in an Information Disclosure Statement, and thus, no fee or certification is required to ensure consideration of these materials, as they were already considered.

Further, should the previous Official Action have been a final rejection, the Commissioner is authorized to charge payment of any necessary fees associated with this communication to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

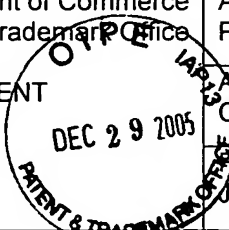
Respectfully Submitted,
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December 28, 2005
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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23884	Application No. 10/606,213
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
		Applicant Chun-Kyu WOO et al.	Filing Date June 26, 2003
			Group 3661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 4 4 0 2 1 6	08/08/95	KIM			
		5 6 5 2 4 8 9	07/29/97	KAWAKAMI			
		5 6 2 1 2 9 1	04/15/97	LEE			
		5 7 5 8 2 9 8	05/26/98	GULDNER			
		5 6 8 7 2 9 4	11/11/97	JEONG			
		5 4 0 0 2 4 4	03/21/95	WATANABE et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		3 7 4 1 2 5 9	06/15/89	GERMANY				
	5	- 1 4 3 1 5 5	06/11/93	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of DE 37 41 259.
2	English Language Abstract of JP 5-143155.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.